

# Release Notes

**HP Integrity Servers for Microsoft Windows Server 2003  
HP Integrity Support Pack and Microsoft Windows Server 2003 Service Pack 1**



**Manufacturing Part Number: 5990-8252**

**March 2005**

© Copyright 2005  
Hewlett-Packard Development Company, L.P.  
All rights reserved.

---

## Legal Notices

© 2005 Hewlett-Packard Development Company, L.P.

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation. Intel and Itanium are registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Linux is a U.S. registered trademark of Linus Torvalds.

---

## **Release Notes**

This document shows you how to obtain and install the HP Integrity Support Pack and Microsoft® Windows Server™ 2003 Service Pack 1 (SP1) on HP Integrity servers. The HP Integrity Support Pack includes drivers, utilities, and other Windows 64-bit software optimized for Integrity servers. SP1 is designed to increase the security and reliability of Windows Server 2003. HP recommends that you install the Support Pack and SP1 on all HP Integrity servers running Windows Server 2003, 64-bit.

## Obtaining the Support Pack and Service Pack 1

The following table lists the sources for the Support Pack and SP1 software:

**Table 1 Support Pack and SP1 source matrix**

Server	OS Edition	Source
rx1620 rx2600 rx2620 rx4640 rx5670	Enterprise	<ul style="list-style-type: none"> <li>Download HP Integrity Support Pack version 3.25 or higher from the HP Integrity support site: <a href="http://www.hp.com/support/itaniumservers/">http://www.hp.com/support/itaniumservers/</a></li> <li>Download Microsoft Windows Server 2003 SP1 for 64-bit Itanium-based systems from Microsoft's web site: <a href="http://www.microsoft.com/windowsserver2003/downloads/servicepacks/sp1/default.msp">http://www.microsoft.com/windowsserver2003/downloads/servicepacks/sp1/default.msp</a></li> </ul>
<b>Cell-based servers</b>		
rx7620 rx8620	Enterprise	<ul style="list-style-type: none"> <li>Download HP Integrity Support Pack version 3.25 or higher from the HP Integrity support site: <a href="http://www.hp.com/support/itaniumservers/">http://www.hp.com/support/itaniumservers/</a></li> <li>Download Microsoft Windows Server 2003 SP1 for 64-bit Itanium-based systems from Microsoft's web site: <a href="http://www.microsoft.com/windowsserver2003/downloads/servicepacks/sp1/default.msp">http://www.microsoft.com/windowsserver2003/downloads/servicepacks/sp1/default.msp</a></li> </ul>
	Datacenter (factory-installed)	HP Datacenter SP1 Update DVD (shipped from HP)
Superdome	Datacenter (factory-installed)	HP Datacenter SP1 Update DVD (shipped from HP).

---

## Installing the Support Pack and Service Pack 1

---

### NOTE

#### *CRITICAL UPDATE REQUIRED!*

You must update Microsoft® Windows Server™ 2003, Datacenter Edition or Enterprise Edition with SP1 for Itanium-based Systems to the latest IA-32 EL software version (5.3.5338.0 or higher). In rare instances, failure to update to this new software can result in serious consequences such as data integrity issues or other unexpected system behavior when running 32 bit applications. For more information, refer to the Microsoft Knowledge Base article 899755.

To download the QFE, go here:

<ftp://ftp.hp.com/pub/servers/software/WindowsIntegrity/WindowsServer2003-KB899755-ia64-enu.exe>

---

### NOTE

You must install the HP Integrity Support Pack software first, before you install the Windows Server 2003 Service Pack 1 software. If you load SP1 first, the OS will fail to reboot following the installation of SP1.

Always install the HP Integrity Support Pack first. Then install Windows Server 2003 Service Pack 1.

To install SP1:

### On Windows Server 2003, Datacenter Edition

When you receive the HP Datacenter SP1 Update DVD, insert the DVD in the drive of an HP Integrity server and allow autolaunch to start the browser-based interface.

- To install HP Integrity Support Pack and Windows Server 2003 SP1 together (recommended), select **Express Install**.

OR

- To install them separately, select **Custom Install**.

### On Windows Server 2003, Enterprise Edition

Updating your Windows Server 2003, Enterprise Edition system to SP1 involves installing the HP Integrity Support Pack and then installing SP1:

- Download HP Integrity Support Pack version 3.25 or higher from the HP Integrity support site:  
<http://www.hp.com/support/itaniumservers/>
- Install HP Integrity Support Pack on your Integrity server.
- Download Microsoft Windows Server 2003 SP1 for 64-bit Itanium-based systems from Microsoft's web site:  
<http://www.microsoft.com/windowsserver2003/downloads/servicepacks/sp1/default.msp>

## Technical documentation

Technical documentation for HP Integrity servers running Windows Server 2003 includes the following manuals in English and Japanese. These manuals are available on the HP Smart Setup media and from the HP Integrity support Web site at <http://www.hp.com/support/itaniumservers/>. An extensive Windows Server 2003 SP1 product overview is available on the Microsoft web site.

### *Smart Setup Guide*

provides instructions for installing, re-installing, or migrating to Windows Server 2003 on HP Integrity servers.

### *nPartition Guide*

provides instructions for creating, configuring, and managing nPartitions on cell-based HP Integrity servers running Windows Server 2003.

### *Kernel Debug Guide*

provides instructions for setting up and running the Windows operating system kernel debugging environment, and provides tips and tricks for troubleshooting the OS.

### *Support Pack and Deployment Utilities User Guide*

provides instructions for using the deployment utility and setup tools to perform routine software maintenance tasks in Windows Server 2003 64-bit server environments.

### *Management Events Reference*

contains a list of the Windows Server 2003 and Windows Server 2000 Event Log messages associated with SNMP traps, which are generated by the HP Management Agents for Servers for Windows.

### *Management Agents Guide*

provides instructions for installing, configuring, and using HP Insight Management Agents on HP Integrity servers running Windows Server 2003.

### *Pay Per Use User Guide*

provides instructions for installing, configuring, and using HP Pay Per Use (PPU) software on HP Integrity servers running Windows Server 2003.

### *Microsoft Windows Server 2003 Service Pack 1 Product Overview*

provides a comprehensive overview of Windows Server 2003 SP1 at:  
<http://www.microsoft.com/windowsserver2003/downloads/servicepacks/sp1/overview.mspx>

---

## Technical support

To keep your server up to date with the latest firmware, drivers, and utilities, visit the HP technical support web site periodically.

### Get Windows-specific firmware, drivers, and utilities

To obtain HP Integrity server firmware, drivers, and utilities applicable to Windows Server 2003:

- Step 1.** Go to <http://www.hp.com/>
- Step 2.** Click **Support and Drivers**.
- Step 3.** On the Support and Drivers page, select **Download drivers and software** and your server type in the product search field.
- Step 4.** On the **specify operating system** page, select **Microsoft Windows Server 2003 64-bit**.
- Step 5.** On the **download drivers and software for HP Integrity *your server type*-Microsoft Windows Server 2003 64-Bit** web page, download firmware and drivers as required.

---

#### NOTE

Only HP CEs are authorized to update the system firmware on HP Integrity rx7620 and 8620 servers. Please contact HP Support for updates to the firmware.

